

Title (en)

MAGNETIC FIELD SENSOR.

Title (de)

MAGNETFELD FELDDETEKTOR.

Title (fr)

DETECTEUR DE CHAMP MAGNETIQUE.

Publication

**EP 0647323 A1 19950412 (FR)**

Application

**EP 93913193 A 19930625**

Priority

- FR 9300640 W 19930625
- FR 9207881 A 19920626

Abstract (en)

[origin: WO9400774A1] A sensor comprising alternate layers of a magnetic material (1, 1', 1'') and a non-magnetic material (2, 2', 2''). One or more openings (5) extend through said layers. Two electrodes (3, 4) on opposite sides of the layered stack enable measurement of the resistivity therebetween. Said openings (5) make the sensor more sensitive in weak fields and may have various shapes. Said sensor may be used in magnetic reading heads.

IPC 1-7

**G01R 33/06**; **G11B 5/39**

IPC 8 full level

**G01R 33/09** (2006.01); **G11B 5/39** (2006.01)

CPC (source: EP)

**B82Y 25/00** (2013.01); **G01R 33/093** (2013.01); **G11B 5/3903** (2013.01)

Citation (search report)

See references of WO 9400774A1

Designated contracting state (EPC)

DE GB

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